Figure 1

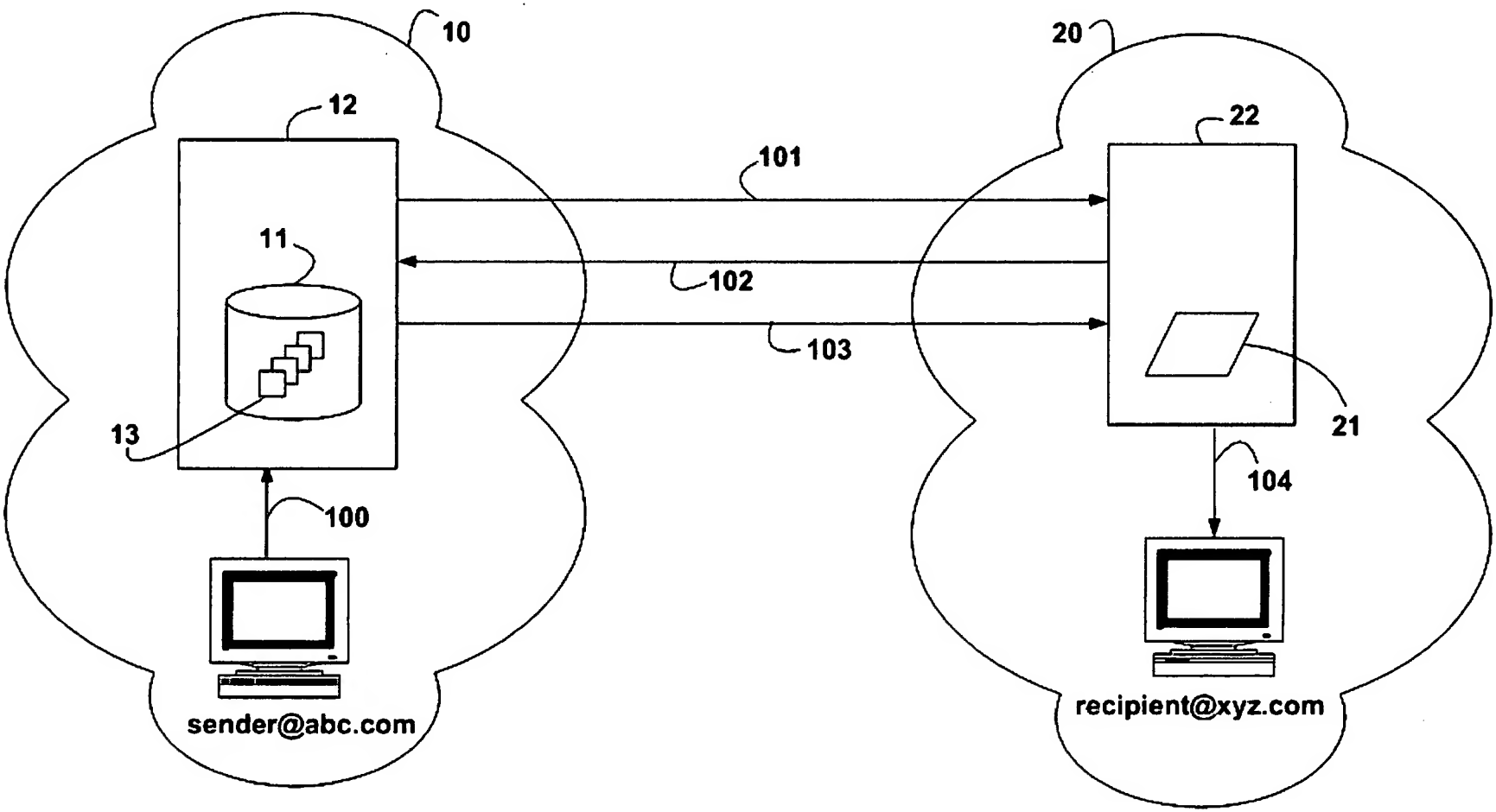

10
20
12
22
101
11
102
103
13
21
104
100
sender@abc.com
recipient@xyz.com

Figure 2

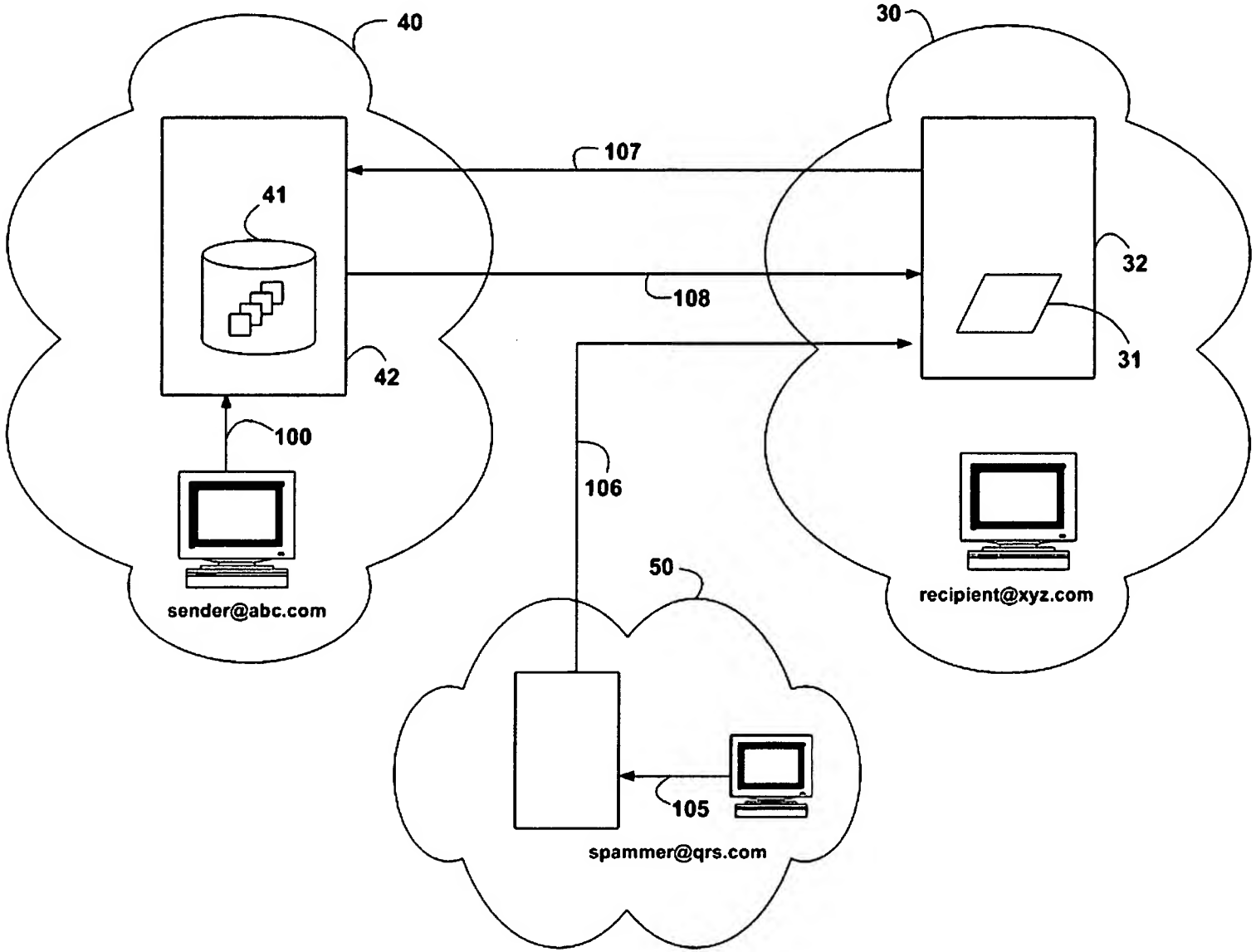

40
30
107
41
32
108
31
42
100
106
50
sender@abc.com
recipient@xyz.com
105
spammer@qrs.com

Figure 3

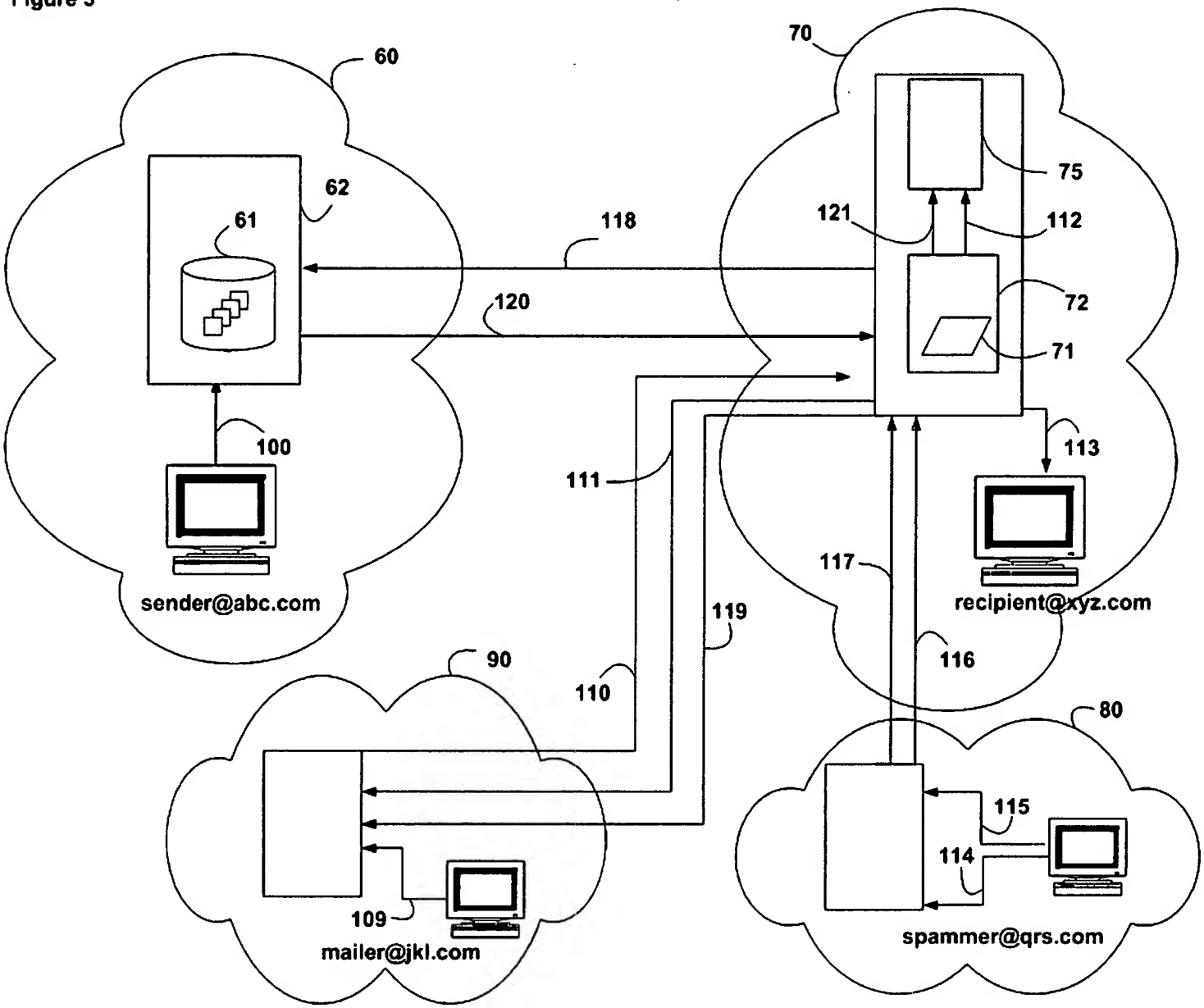
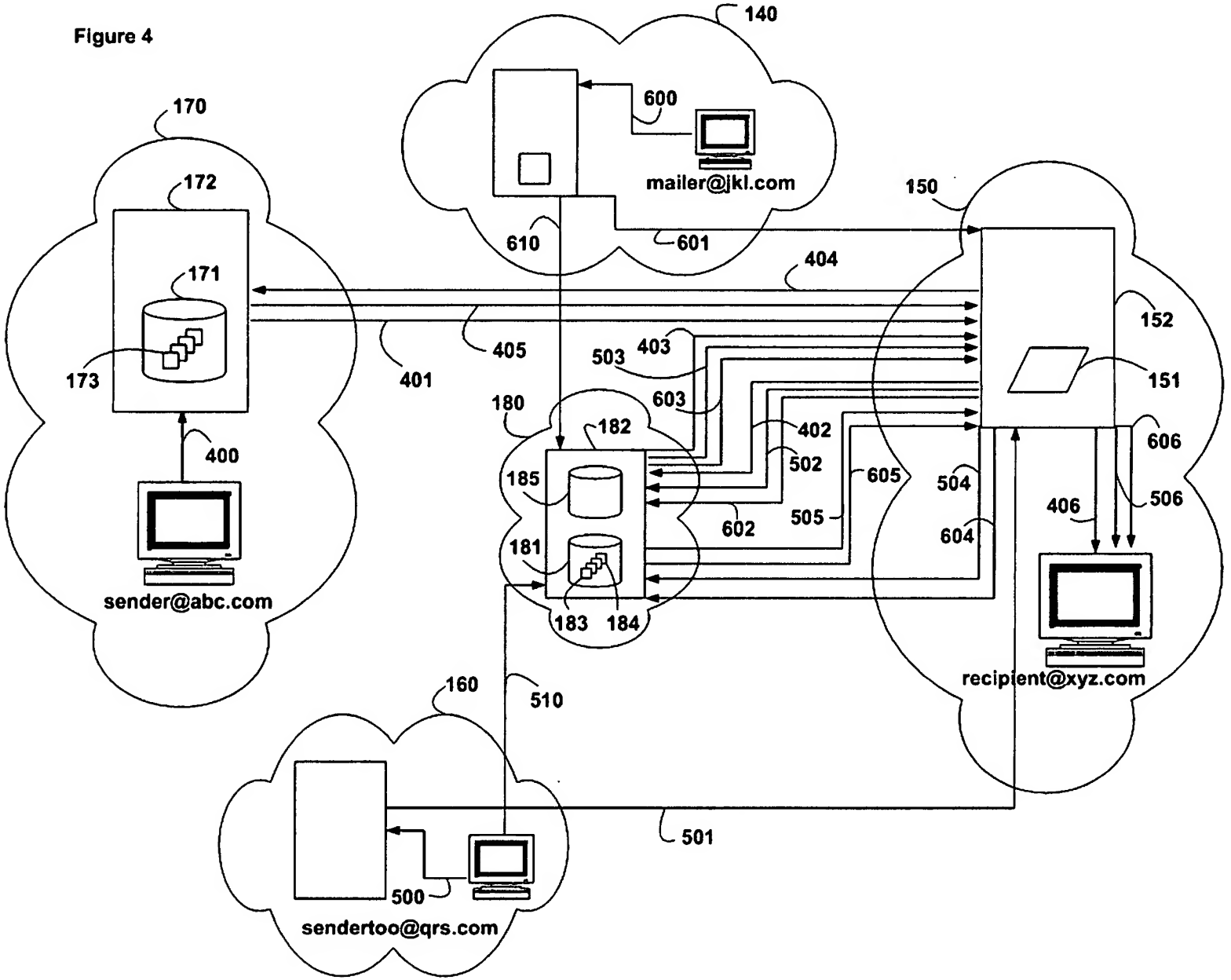

60
70
62
61
75
121
112
118
120
72
71
100
111
113
sender@abc.com
recipient@xyz.com
117
119
90
116
110
80
115
114
109
mailer@jkl.com
spammer@qrs.com

Figure 4


140
600
mailer@jkl.com
610
601
170
172
171
173
400
sender@abc.com
401
405
404
150
152
151
403
503
603
180
182
402
502
605
185
602
505
181
183
184
504
606
406
506
604
recipient@xyz.com
160
510
501
500
sendertoo@qrs.com